

BAG WITH MESH WALL AND HEAT SEAL DIE**Inventor: Michael J. Recchia, Jr.**This is a divisional application of U.S. Application Serial No. 09/481,211 filed on January 11, 2000^A*now US Patent
6,506,429***BACKGROUND OF THE INVENTION**

Bodolay et al. U.S. Patent No. 3,319,538 shows a bag making machine comprising a continuous process line for making bags of plastic sheeting by heat sealing and cutting of a continuous length of plastic sheeting. The sheeting is folded longitudinally to define an intact, folded bottom edge. The bags may be filled with produce or the like as they are formed on the process line.

As a later step, the sides of the partially formed bag are simultaneously sealed and cut away, leaving a connected top strip of the plastic, to permit completion of the bag-forming process with a filling and a top-sealing step.

However, technical problems arise as the cutting takes place at or next to the hot, immediately-formed vertical seals. The seals can be damaged by the cutting blade since they are still fresh, hot, and soft, and plastic material can adhere to the blade since it is in viscous, liquid form. The plastic can adhere there, to interfere with the subsequent cutting process of the Bodolay et al. process line.

Furthermore, some bag containers are not

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